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SOURCE Wen-hui Pao.SHANGHAI LABORATORIES SUCCEED IN PENICILLIN EXPERIMENTS

Shanghai -- Specialists and technicians at the Experimental Penicillin Laboratories of the East China People's Pharmaceutical Corporation have succeeded in their research experimentation. At present, the cultures are seeded with Strain No 0176 olive-shaped penicillin. The primary ingredient of culture media abroad is a maize mash. But, since a sufficiently refined maize mash is not available in China now, Chinese technicians are studying the use of cottonseed cake, lactose, and dextrose as substitutes.

The penicillin-bearing extract, produced from a continuous-submersion culture process, is refined and the crystals thus obtained constitute the finished product. At present, there are three types of penicillin: crystalline potassium-salt penicillin, crystalline procaine penicillin, and aluminum-salt penicillin. After refinement, the penicillin is subjected to bacteriological and clinical tests to determine whether its content and efficacy meet international standards.

Following the liberation, the corporation set up antibiotic laboratories to conduct research and experimentation into the culture and crystallization of penicillin and established a plant to produce penicillin on an industrial scale. Before long, the plant will continuously supply the people's needs, in answer to the shameless enemy blockade.

[Note: The style of the original article is extremely vague. The writer at no time makes the definite statement that penicillin is being produced.]

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- 1 -

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